Mirza M. Abbas

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Engr Mirza Abbas Scheme 33, Karachi, Pakistan

PROFESSIONAL SUMMARY

I am an Environmental Health & Safety engineer with around 10 years of experience in the field of Environment, Health & Safety. I have worked on large and medium scale projects under various sectors for consultancies, manufacturers, third party EHS auditing, Facilities management and construction engineering projects included funded projects of Overseas Private Investment Corporation (OPIC) based on IFC EHS regulations with numerous national and multinational organizations i.e. NEC Consultants, Indus Motors Company (Toyota), SGS Pakistan Ltd & Aga Khan University Hospital.

AREAS OF EXPERTISE

- Evaluation of health & Safety Risk assessments
- Evaluation of Significant Environmental Aspects & Impacts
- Accident / Incident Investigation
- EHS Local Regulation & standards
- IFC EHS guidelines
- EHS Performance monitoring
- EHS Training Skills / Competence & Awareness
- Development of Safe System of Work
- Internal Audits/ Inspections
- Management Reviews
- Contractor Management
- Enterprise Risk Assessment
- Compliance of Environment Impact Assessment/Initial Environment Examination
- Health & Safety Management System based on OHSAS 18001/ ISO 45001
- Environmental Management System based on ISO I4001
- Project Management
- New Projects/Contracts Tendering
- Industrial hygiene
- Green House Gases (GHG) Reduction

ACHIEVEMENTS

- Received "Appreciation Award by" Aga Khan University (AKU) on EHS performance.
- Organized "EHS Appreciation Award" for motivation of contractors & AKU employees.
- Approved auditor of environment, health & safety management system as per 14001 & 18001 standards from SGS Pakistan.
- Completed 2 Million Safe Man Hours for the project of New Private Wing (NPW) at AKU.
- 97% Compliance on construction & engineering project after audit by OPIC auditors.
- Developed Monthly EHS bulletin for Construction & Engineering Projects in AKU
- Successfully implemented and certified Toyota Indus Motor Company on ISO 14001 & OHSAS 18001

- Achieved a raise from EHS level 1 to level 3 in audit conducted by Toyota Motors Asia pacific.

EXPERIENCE

1) **EHS Specialist (Construction Engineering projects & Facilities Management), Aga Khan University** (September 2016 – Present)

Responsibilities include:

- Implementation of SEMP (Social & Environmental Management Plan)
- To ensure compliance of national / international environmental laws
- To ensure implementation of HSE guidelines of AFD (French Development Agency) & OPIC (Overseas Private Investment Corporation) mainly on the projects of New Private Wing and University Centre (Cost Estimated more than 75 Million $ Combined)
- Development & Monitoring of Green House Gases (GHG) reduction of construction activities i.e. Cement, Steel, aggregate, transport & generator.
- To ensure compliance of EHS guidelines of Joint Commission International Accreditation (JCIA) standards for health care facility.
- To supervise KPI of EHS on different projects.
- To ensure implementation of "Permit to Work" system, risk assessments and JSA's.
- To Conducts Electrical Safety audits of facilities and construction site.
- To ensure daily tool box talks and monitor daily STARRT (Safety Task analysis and Risk Reduction Talk) briefing delivered by the site supervisor and engineers.
- To Ensure safe system of work To perform Safety Orientation and Training and to provide training to employees on relevant HSE regulations and Company programs.
- To conduct site visit of the working areas and log details of the observations and follow ups of their closure.
- To ensure maintenance of all firefighting equipment & regular drills on sites.
- To ensure effective implementation of safe system of work on facilities and construction site i.e. Permit to Work.
- To conduct periodical safety audits at work sites and office to identify deficiencies and check compliance of safety regulations, recording, reporting and documentation of all HSE activities.
- To ensure the use of tested lifting tools & shackles for rigging and slinging jobs.
- To liaise with SEPA and the Ministry of Labor to acquire NOC/Approval for construction projects & facility approvals i.e. incinerator based on IEE/EMP study.
- To review Initial Environment Examination (IEE)/Environment Impact Assessment (EIA) reports of construction projects.
- To ensure environmental monitoring based on IEE/EIA reports.
- To conducts training on different topics of EHS based on training need analysis i.e. behavior-based safety, electrical safety. Construction safety, emergency response, internal audit techniques.
- Ensure compliance of COVID-19 SOPs requirement and ensure health screening from third party on monthly basis.

2) **Lead Auditor in Certification & Business Enhancement, SGS Pakistan Limited** (Nov 2015 – August 2016)

Responsibilities included:

- To conduct third party certification audits with respect to Environment Management System (ISO 14001:2004), Health & Safety Management System (OHSAS 18001:2007), and Quality Management System (ISO 9001:2008).
- To perform audit planning, gap analysis with respect to ISO 14001:2004 & OHSAS 18001:2007.
- To perform third party certification audits in diversified factors like oil & gas, pharmaceutical, textile, Automotive, logistics, distillery, food, services sector, chemical industries.
- Conducted one day or two days training workshop on implementation of ISO 14001:2015 (EMS) & OHSAS 18001:2007.

3) **Assistant Manager in Safety Health & Environment, Toyota Indus Motor Company** (Jan 2014 – October 2015)

Responsibilities included:

- To conduct Health, Safety & Environment and 5S audits.
- To gather pertinent environment and safety KPIs data for subsequent presentation in management reviews.
- To review Environment Impact Assessment report & Environmental Management Plan.
- To plan & supervise execution mandatory environment parameters measurement & monitoring.
- To liaise with external regulatory agencies mobilized on environmental and health safety issues.
- To develop solid waste management mechanism of IMC.
- To develop environmental monitoring plan & to supervise internal environmental monitoring
- To develop objectives & target goal setting of 5 year environmental action plan i.e. water, energy, waste, VOC, CO2 & Logistics.
- To conduct internal audit of ISO 14001 & Global Environment Management System (Toyota-EMS)
- To organize environmental & safety sub-committee meetings on monthly basis.
- To develop training plan & to conduct training on different topics of environment (ISO 14001 EMS & Chemical Spillage & General awareness of EHS) as per plan.
- To conduct trainings on different topics of EHS including management system related or operational safety related.
- To ensure safe system of work.
- To conduct accident/incident investigation.
- To evaluate effectiveness of emergency response procedures through fire & large chemical/oil drills.
- To plan & execute safety month & environment month activities.
- To issued work permits and cross check as per guidelines.

4) **HSE Consultant, Future Tech Consultants** (May 2013 – December 2013)

Responsibilities included:

- Development and Implementation of integrated Management System of ISO 14001:2004, & 18001:2007.

- Environmental, Health and Safety Gap Analysis.
- Health & Safety Risk Assessment with concerned departments and set preventive measures.
- To develop different SOPs as per requirements of ISO 14001:2004 & OHSAS 18001: 2007
- To conduct training & fire drills on firefighting response.
- To present monthly status of HSE in management review meeting.
- To liaise with Baluchistan Environment Protection Agency.

5) Environmental Engineer, NEC Consultants (Jan, 2011 to April 2013)

Responsibilities included:

- To conduct occupational, safety & environmental audits of more than 50 different industries.
- To conduct environmental feasibility studies (EIA/IEE).
- Development, Implementation of EMS & OHSMS as per the requirements of ISO 14001:2004, & OHSAS 18001:2007
- Training & Capacity Building on different topics, Basic Environment awareness, Sustainable Development. Firefighting. Overview session of ISO 14001 (EMS).

EDUCATION

Master of Engineering Management - Environmental August 2015 – August 2017

NED University of Engineering & Technology, Karachi, Pakistan

Bachelor of Engineering, Energy & Environmental Engineering January 2007 – January 2011

Quaid e Awam University of engineering & Science Technology, Nawabshah, Pakistan

IGC NEBOSH UK January 2016

Greenwich Training and Consulting

ADDITIONAL COURSES & TRAININGS

- 2 Days Training **on Enterprise Risk Assessment** by Risk and Compliance Department of AKUH on Nov '18
- 2 days transition course of **IS0 45001 from SGS Pakistan** in August ' 18
- 6 Days course on **Environmental & Occupational health** conducted by Dept. of Community health Aga Khan University Hospital in July, 2017
- One day training course on **behavior based safety** by PSTD in October ' 17
- 5-days, **"Environment Management System" Lead Auditor** Training Based on ISO 14001:2004 and 2015 Conducted by SGS Training & Consultancy International in September'14.
- 5-days, **"Quality Management System" Lead Auditor** Training Based on ISO 9001:2015 Conducted by SGS Training & Consultancy International in September'14.
- IOSH managing safely course UK from Greenwich Training and Consulting in December'13.
- Post Graduate Course (PGC) of "Air pollution & Control" from NED University In 2012.
- Post Graduate Course (PGC) of "Introduction to Environment Engineering" from NED University in 2012.
- 5-days, **"Occupational Health & Safety Management Systems (OHSMS)" Lead Auditor** Training Based on OHSAS 18001:2007 Conducted by Moody International in June, 2011.

Membership in Professional Societies

- Member of Pakistan Engineering Council (PEC).